

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("6086725" "6033536").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:06
S2	1062809	sputter\$3 target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:51
S3	1475	crystallite and alloy\$3 and glass and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:23
S4	904	amorphous and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:04
S5	637	nm and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:34
S6	15	Zr with Pt with Pd with Fe with Co with Cu and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:52
S7	20437	sputter\$3 near target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:56
S8	231	crystallite and alloy\$3 and glass and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:58

## EAST Search History

S9	168	amorphous and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:16
S10	3	Zr with Pt with Pd with Fe with Co with Cu and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:59
S13	274	crystallite and glass and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:58
S14	198	amorphous and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 11:59
S15	5	Zr with Pt with Pd with Fe with Co with Cu and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:03
S17	6	("5074935" "5032196" "5213148"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 07:51
S18	20437	sputter\$3 near target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:04
S19	182	Zr with Pt with Pd with Fe with Co with Cu and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:11

## EAST Search History

S20	88	amorphous and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 08:56
S21	72	Zr with Pt with Pd with Fe with Co with Cu with B and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 08:57
S22	32	amorphous and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 16:13
S23	20449	sputter\$3 near target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:10
S24	274	crystallite and glass and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:15
S25	88	amorphous and powder and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:11
S26	2	Zr with Pt with Pd with Fe with Co with Cu with B and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:11
S27	977	amorphous and powder and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:50

## EAST Search History

S28	15	Zr with Pt with Pd with Fe with Co with Cu with B and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:51
S29	1064178	sputter\$3 target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:50
S30	18857	amorphous and powder and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:50
S31	66	Zr with Pt with Pd with Fe with Co with Cu with B and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 07:51
S32	35	sinter\$3 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:28
S33	5	crystallite and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:02
S34	0	"sputter\$3 target"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 14:35
S35	13579	"sputtering target"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:10

## EAST Search History

S36	675	amorphous and powder and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:24
S37	14	Zr with Pt with Pd with Fe with Co with Cu with B and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:24
S38	16591	sputter\$3 adj target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:24
S39	811	amorphous and powder and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:59
S40	14	Zr with Pt with Pd with Fe with Co with Cu with B and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:32
S41	423	sinter\$3 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:59
S42	14	Zr with Pt with Pd with Fe with Co with Cu and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:33
S43	306	crystallite and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:59

## EAST Search History

S44	86	amorphous and powder and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:59
S45	57	sinter\$3 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:00
S46	2	"3845805".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 10:04
S47	20	("6503592" "5882493")"PN."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 07:18
S48	13579	"sputtering target"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 08:56
S49	274	crystallite and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:11
S50	177	nm and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:18
S51	118	amorphous and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:35

## EAST Search History

S52	2	Zr with Pt with Pd with Fe with Co with Cu with B and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:18
S53	154	alloy\$3 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:00
S54	104	alloy\$3 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:01
S55	22058	crystallite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:11
S56	6974	nm and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:12
S57	3180	amorphous and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:12
S58	13	Zr with Pt with Pd with Fe with Co with Cu with B and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 10:24
S59	2733	amorphous and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:17

## EAST Search History

S60	1650	nm and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 10:15
S61	23	Zr with Pt with Pd with Fe with Co with Cu with B and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:18
S62	1064178	sputter\$3 target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:34
S63	193635	nm and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:34
S64	35892	amorphous and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:35
S65	130	Zr with Pt with Pd with Fe with Co with Cu with B and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 09:36
S66	9	1-5 adj nm and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 10:21
S67	21	1-5 adj nm and crystallite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 10:23

## EAST Search History

S68	297	1-5 adj nm and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 06:59
S69	0	Zr with Pt with Pd with Fe with Co with Cu with B and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:16
S70	11	sputter\$3 near target same amorphous same (sinter\$3 powder) and (crystal\$5) with (nm nanometer angstrom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 07:13
S71	15	sputter\$3 near target and amorphous and (nanocrystallite nanocrystallite) and (sinter\$3 powder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 14:54
S72	11	"419".clas. and (amorphous (metallic adj glass)).clm. and (gas argon) near atomiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/03 14:57
S73	2	"6235129".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 07:39

## EAST Search History

S74	25	(US-20060237303-\$ or US-20020034663-\$ or US-20020114999-\$ or US-20030024807-\$ or US-20050263163-\$ or US-20060182991-\$ or US-20060185771-\$ or US-20030110708-\$ or US-20040250828-\$ or US-20020015889-\$).did. or (US-5955178-\$ or US-5786068-\$ or US-5589040-\$ or US-6159625-\$ or US-6583958-\$ or US-6696205-\$ or US-6723209-\$ or US-5032196-\$ or US-5074935-\$ or US-6033536-\$ or US-6086725-\$ or US-6652806-\$ or US-6503592-\$ or US-4236946-\$). did. or (EP-717404-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/11/07 06:52
S75	0	1-5 adj (nm nanometer angstrom) and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:25
S76	6	"20" adj (nm nanometer angstrom) and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 07:00
S77	1	sputter\$3 near target same amorphous same (sinter\$3 powder) and crystallite with (nm nanometer angstrom)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 07:14
S78	2	"5213148".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 07:43
S79	8	("5785828" "5882493" "6127016" "6280684" "6503592" "05017868"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 08:01

## EAST Search History

S81	12	("2000144380" "2002212716" "2000207725" "2002069550" "2002363615").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 08:06
S82	312	1-5 adj (nm nanometer angstrom) and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:24
S83	0	Zr with Pt with Pd with Fe with Co with Cu with B and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:27
S84	18	sinter\$3 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:27
S85	18	crystallite adj (nm nanometer angstrom) and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:27
S86	2184	crystallite same (nm nanometer angstrom) and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:27
S87	668	sinter\$3 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 09:27
S88	4	Zr with Pt with Pd with Fe with Co with Cu with B and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 10:22

## EAST Search History

S89	10	Zr same Pt same Pd same Fe same Co same Cu same B and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:07
S90	36	Zr same Pt same Pd same Fe same Co same Cu and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 10:29
S91	34	(US-20060237303-\$ or US-20020034663-\$ or US-20020114999-\$ or US-20030024807-\$ or US-20050263163-\$ or US-20060182991-\$ or US-20060185771-\$ or US-20030110708-\$ or US-20040250828-\$ or US-20020015889-\$ or US-20050079414-\$ or US-20030054218-\$ or US-20030118884-\$ or US-20030130114-\$).did. or (US-5955178-\$ or US-5786068-\$ or US-5589040-\$ or US-6159625-\$ or US-6583958-\$ or US-6696205-\$ or US-6723209-\$ or US-5032196-\$ or US-5074935-\$ or US-6033536-\$ or US-6086725-\$ or US-6652806-\$ or US-6503592-\$ or US-4236946-\$ or US-6235129-\$ or US-5213148-\$ or US-5616432-\$ or US-5110768-\$ or US-6013313-\$).did. or (EP-717404-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/11/07 10:59

## EAST Search History

S92	25	(US-20060237303-\$ or US-20020034663-\$ or US-20020114999-\$ or US-20030024807-\$ or US-20050263163-\$ or US-20060182991-\$ or US-20060185771-\$ or US-20030110708-\$ or US-20040250828-\$ or US-20020015889-\$).did. or (US-5955178-\$ or US-5786068-\$ or US-5589040-\$ or US-6159625-\$ or US-6583958-\$ or US-6696205-\$ or US-6723209-\$ or US-5032196-\$ or US-5074935-\$ or US-6033536-\$ or US-6086725-\$ or US-6652806-\$ or US-6503592-\$ or US-4236946-\$). did. or (EP-717404-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/11/07 11:00
S94	7	relative near density and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:22
S95	9	atomiz\$3 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:16
S96	24	Pt and Pd and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:17
S97	24	Pt and Pd and B and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:17
S98	5	relative near density and atomiz\$3 and Pt and Pd and B and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:32

## EAST Search History

S10 1	4	crystallite same (nm nanometer angstrom) and amorphous and sinter\$3 and relative near density and atomiz\$3 and Pt and Pd and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:38
S10 2	4	crystallite same (nm nanometer angstrom) and amorphous and sinter\$3 and relative near density and atomiz\$3 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:39
S10 3	6	crystallite same (nm nanometer angstrom) and amorphous and sinter\$3 and atomiz\$3 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:44
S10 4	10	crystallite same (nm nanometer angstrom) and amorphous and sinter\$3 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/07 12:45
S10 5	34	(US-20060237303-\$ or US-20020034663-\$ or US-20020114999-\$ or US-20030024807-\$ or US-20050263163-\$ or US-20060182991-\$ or US-20060185771-\$ or US-20030110708-\$ or US-20040250828-\$ or US-20020015889-\$ or US-20050079414-\$ or US-20030054218-\$ or US-20030118884-\$ or US-20030130114-\$).did. or (US-5955178-\$ or US-5786068-\$ or US-5589040-\$ or US-6159625-\$ or US-6583958-\$ or US-6696205-\$ or US-6723209-\$ or US-5032196-\$ or US-5074935-\$ or US-6033536-\$ or US-6086725-\$ or US-6652806-\$ or US-6503592-\$ or US-4236946-\$ or US-6235129-\$ or US-5213148-\$ or US-5616432-\$ or US-5110768-\$ or US-6013313-\$).did. or (EP-717404-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/11/18 15:11

## EAST Search History

S10 6	27	density and S105	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:11
S10 7	7788	crystallite and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:05
S10 8	4574	(nm nanometer angstrom) and S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:26
S10 9	908	(Zr zirconium) same (Cu Ni Al) and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:47
S11 2	12	atomiz\$3 adj3 powder and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:37
S11 3	11	sinter\$3 and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:38
S11 4	769	(Zr zirconium) with (Cu Ni Al) and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:37
S11 7	0	((Zr zirconium) adj5 50%) same (Cu Ni Al) and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:51

## EAST Search History

S11 8	5	((Zr zirconium) near (primary base)) same (Cu Ni Al) and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 15:59
S11 9	15	(Zr zirconium) near (primary base) and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:20
S12 0	18	(Zr zirconium) near (primary base) and S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:26
S12 1	25	(Zr zirconium) near (primary base) and "419".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:03
S12 2	0	"Zr65-Cu7.5-Ni10-Al7.5" and "419". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:44
S12 3	0	"Zr65-Cu7.5-Ni10-Al7.5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/18 16:44
S12 4	7788	crystallite and amorphous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 09:10
S12 5	4574	(nm nanometer angstrom) and S124	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 09:10

## EAST Search History

S12 6	769	(Zr zirconium) with (Cu Ni Al) and S125	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 09:10
S12 7	12	atomiz\$3 adj3 powder and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:06
S12 8	52703	(Zr zirconium) near (primary base) and "419".clas. or "75".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 08:09
S12 9	37	(Zr zirconium) near (primary base) and "75".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:05
S13 0	0	crystallite and amorphous and S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:05
S13 1	102	atomiz\$3 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:07
S13 2	77	sinter\$3 and S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 10:08
S13 3	37	(Zr zirconium) near (primary base) and "75".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 14:52

## EAST Search History

S13 4	1609	(Zr zirconium) near (primary base)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 15:13
S13 5	321	sinter\$3 and S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 14:53
S13 6	66	(nm nanometer micrometer) and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 14:54
S13 7	23	amorphous and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 14:54

## EAST Search History

S13 8	41	(US-20060237303-\$ or US-20060185771-\$ or US-20040250828-\$ or US-20050263163-\$ or US-20050079414-\$ or US-20030130114-\$ or US-20030118884-\$ or US-20030110708-\$ or US-20030054218-\$ or US-20020034663-\$ or US-20030024807-\$ or US-20020114999-\$ or US-20020015889-\$ or US-20060182991-\$ or US-20030062097-\$ or US-20030144134-\$ or US-20030126804-\$).did. or (US-6652806-\$ or US-6723209-\$ or US-6696205-\$ or US-6159625-\$ or US-6583958-\$ or US-6235129-\$ or US-6033536-\$ or US-5955178-\$ or US-6086725-\$ or US-5786068-\$ or US-5074935-\$ or US-5616432-\$ or US-5589040-\$ or US-5032196-\$ or US-6294130-\$ or US-6503592-\$ or US-5213148-\$ or US-4236946-\$ or US-5110768-\$ or US-6013313-\$ or US-6312796-\$ or US-6544357-\$ or US-5703133-\$).did. or (EP-717404-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/11/19 15:12
S14 0	2	(Zr zirconium) near (primary base) and sinter\$3 and crystallite and amorphous and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/19 15:15
S14 1	3	"4040129".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 07:19
S14 2	20558	sputter\$3 near target	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 08:09

## EAST Search History

S14 3	18	(Zr zirconium) near (primary base) and S142	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 08:09
S14 4	0	"(Zr zirconium) based alloy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:54
S14 5	209	"Zr based alloy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:07
S14 6	30	sinter\$3 and S145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:55
S14 7	583	"Zirconium based alloy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:07
S14 8	63	sinter\$3 and S147	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:08
S15 0	27	(powder particulate particle) and S146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:18
S15 1	53	(powder particulate particle) and S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:55

## EAST Search History

S15 2	3	(nanometer nm) and atomiz\$3 and S150	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:11
S15 3	0	(nanometer nm) and atomiz\$3 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:56
S15 4	4	atomiz\$3 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 07:12
S15 5	11	("5605560" "5803996" "5980652" "6427753" "6521058" "6652679"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:47
S15 6	2	"5578108".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 08:47
S15 7	18674	(Zr zirconium) adj5 alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:00
S15 8	3183	sinter\$3 and S157	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:00
S15 9	2641	(powder particulate particle) and S158	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:00

## EAST Search History

S16 0	48	(nanometer nm) and atomiz\$3 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:01
S16 1	8656	(Zr zirconium) adj1 alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:06
S16 2	1375	sinter\$3 and S161	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:08
S16 4	1125	(powder particulate particle) and S162	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:08
S16 5	16	(nanometer nm) and atomiz\$3 and S164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:08
S16 6	12911	(Zr zirconium) adj2 alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:07
S16 7	2015	sinter\$3 and S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:08
S16 8	1660	(powder particulate particle) and S167	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:08

## EAST Search History

S16 9	33	(nanometer nm) and atomiz\$3 and S168	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:09
S17 0	38	(nanometer nm ultrafine) and atomiz\$3 and S168	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/21 09:10